

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) A muffler assembly, comprising:

an outer muffler assembly comprising a plurality of fiberglass discs and a plurality of reactive plates; and

an inner muffler assembly comprising a plurality of fiberglass discs and a plurality of reactive plates said inner muffler assembly generally surrounded by said outer muffler assembly and defining therebetween a gas flow gap.

2. (Original) The muffler assembly of claim 1 wherein said outer muffler assembly comprises:

an inner can about which are arranged a portion of said plurality of fiberglass discs and said plurality of reactive plates; and

an outer can surrounding said portion of said plurality of fiberglass discs and said plurality of reactive plates.

3. (Original) The muffler assembly of claim 1 wherein at least a portion of said plurality of fiberglass discs and said plurality of reactive plates are arranged in a sequence comprising two fiberglass discs and a reactive plate.

4. (Original) The muffler assembly of claim 1 wherein said inner muffler comprises a can encompassing a portion of said plurality of fiberglass discs and said plurality of reactive plates.

5. (Original) The muffler assembly of claim 2 wherein at least a portion of said plurality of fiberglass discs and said plurality of reactive plates are arranged in a sequence comprising two fiberglass discs and a reactive plate.

6. (Currently amended) The muffler assembly of claim 1, wherein said muffler assembly is communicated with a source of noise having a wavelength, and wherein said gas flow gap separating said inner muffler assembly from said outer muffler assembly is equal in distance to approximately $\frac{1}{4}$ of a said wavelength of an said noise ~~attenuated frequency~~.

7. (Original) The muffler assembly of claim 1 wherein said muffler assembly is attached to a pipe.

8. (Original) The muffler assembly of claim 1 wherein said muffler assembly is welded to said pipe.

9. (New) The muffler assembly of claim 2, further comprising a cloth and screen assembly positioned between the inner can and the plurality of fiberglass discs and reactive plates.

10. (New) The muffler assembly of claim 9, wherein the outer muffler comprises an end plate positioned at at least one end of the plurality of fiberglass discs and reactive plates, and wherein the cloth and screen assembly extends between the end plate and the at least one end.

11. (New) The muffler assembly of claim 10, wherein the cloth and screen assembly comprises a polyester cloth attached to a screen member.

12. (New) The muffler assembly of claim 4, further comprising a center tube having an inner space and passing through the plurality of fiberglass discs and reactive plates, the center tube having a downstream-facing open end, whereby the inner space of the center tube further serves to dampen acoustic transmission.

13. (New) The muffler assembly of claim 1, wherein the reactive plates and fiberglass discs have centers and define a central axis, and wherein the plates and discs are under compression along the central axis.